

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In repatent application of

Hayashi et al.

Serial No. 09/916,529

Filed: 7-30-01

Group Art Unit: 2652

Examiner: Klimowicz, William Joseph

For: MAGNETO-RESISTANCE EFFECT ELEMENT, MAGNETO-RESISTANCE
EFFECT HEAD, MAGNETO-RESISTANCE TRANSDUCER SYSTEM, AND
MAGNETIC STORAGE SYSTEM

RFCEIVED

Commissioner of Patents P.O. Box 1450 Alexandria, Va. 22313-1450 SEP 1 1 2003

Technology Center 2600

INFORMATION DISCLOSURE STATEMENT

Sir:

Under the provisions of 37 C.F.R. 1.97 through 1.98 and pursuant to applicant's duty of disclosure under 37 C.F.R. 1.56, applicant respectfully brings the following documents, cited in a Korean Office Action for the corresponding application and listed on the attached form PTO-1449, to the attention of the Examiner in charge of the above-identified application. Copies of the listed documents are provided herewith for the convenience of the Examiner.

This citation does not constitute an admission that the references are relevant or material to the claims. They are only cited as constituting related art of which the applicant is aware.

I hereby certify the each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to filing of this statement.

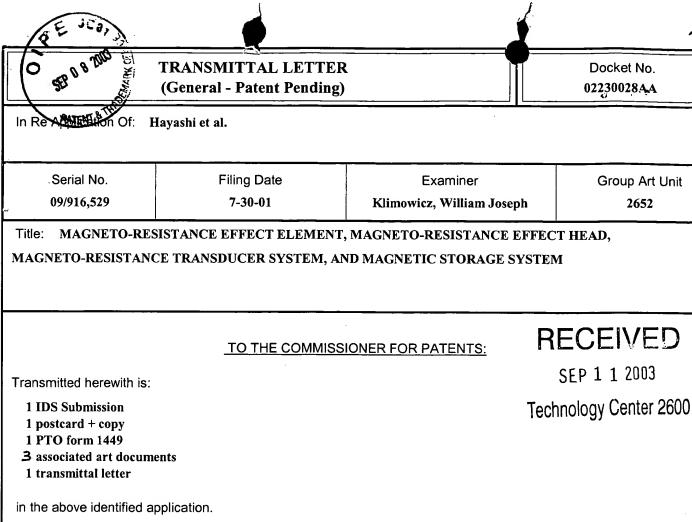
In compliance with the requirements of 37 C.F.R. §1.98 (a)(3), as a concise statement of relevance, as it is presently understood by the individual designated in 35 U.S.C. §1.56(c) most knowledgeable about the content of the information, the undersigned attorney of record submits a

a translation of portions of the correspondence pertaining to the official action by the foreign examiner in which the reference was cited. The relevance of the pending U.S. patent application in that the reference was cited in a foreign patent application of the same subject matter. However, no independent analysis of the reference, the accuracy of the statement of the foreign examiner or the claims of the foreign application under the laws of that country or the United States relative to the subject matter claimed in the present application has been made; the present understanding of the contents thereof by the undersigned being based on the foreign examiner's comments submitted herewith. It is respectfully requested that the listed references be considered by the Examiner and be formally made of record in the application. Please charge any deficiencies in fees and credit any overpayment of fees to Attorney's Deposit Account No. 50-2041.

Respectfully submitted,

Michael E. Whitham

Whitham, Curtis & Christofferson P.C. Registration No. 32,635 11491 Sunset Hills Road Suite 340 Reston, Va. 20190 703-787-9400 Customer # 30743



No additional fee is required.

A check in the amount of

is attached.

The Director is hereby authorized to charge and credit Deposit Account No.

50-2041

as described below.

Charge the amount of

 \boxtimes Credit any overpayment.

 \boxtimes Charge any additional fee required.

Dated:

9-8-03

Whitham, Curtis & Christofferson P.C.

Michael E. Whitham Reg. No. 32,635 11491 Sunset Hils Road Suite 340 Reston, Va. 20190

703-787-9400 **Customer # 30743**

I certify that this document and fee is being deposited with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature of Person Mailing Correspondence

CC:

Typed or Printed Name of Person Mailing Correspondence